

# Work Order ID 112524

January-30-14 11:48:20 AM

**\*112524\***

Page 1

Item ID: D2856-400 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Abrasion Strip 4" Wide (Per Foot) **216**  
 Start Date: 1/30/14 Start Qty: 106.00 **\*106\*** Cust Item ID:  
 Required Date: 1/30/14 Req'd Qty: 106.00 **\*106\*** Customer:  
 Reference:

Approvals: Process Plan: MLJ Date: 14-02-03 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D2856	Rev A

100 PURCHASING 0.00  
**\*100\***  
 Purchasing Memo 0.00  
 Purchasing Issue P/O: 22946 Material: Outdoor grade polyurethane protective clear tape 3M P/N 8681 (or 8681HS) - 108 foot rollSpecify for Clear Tape  
CL 14/02/10 216

110 Receive & Inspect for Damage & Mat'l Certs 0.00  
**\*110\***  
 Packaging Memo 0.00  
 Packaging Ensure material certification is attached  
144/2/09 (216)

120 QC6- Inspect dimensions to drawing 0.00  
**\*120\***  
 QC Memo 0.00  
 Quality Control Ensure Material certification comply to Dwg D  
216 5HP  
4/2/24

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
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Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Page 2

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Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>ST 403</u>	0.00							
<b>*130*</b>									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

216 14-2-25

14-02-25

14-02-25

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

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Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

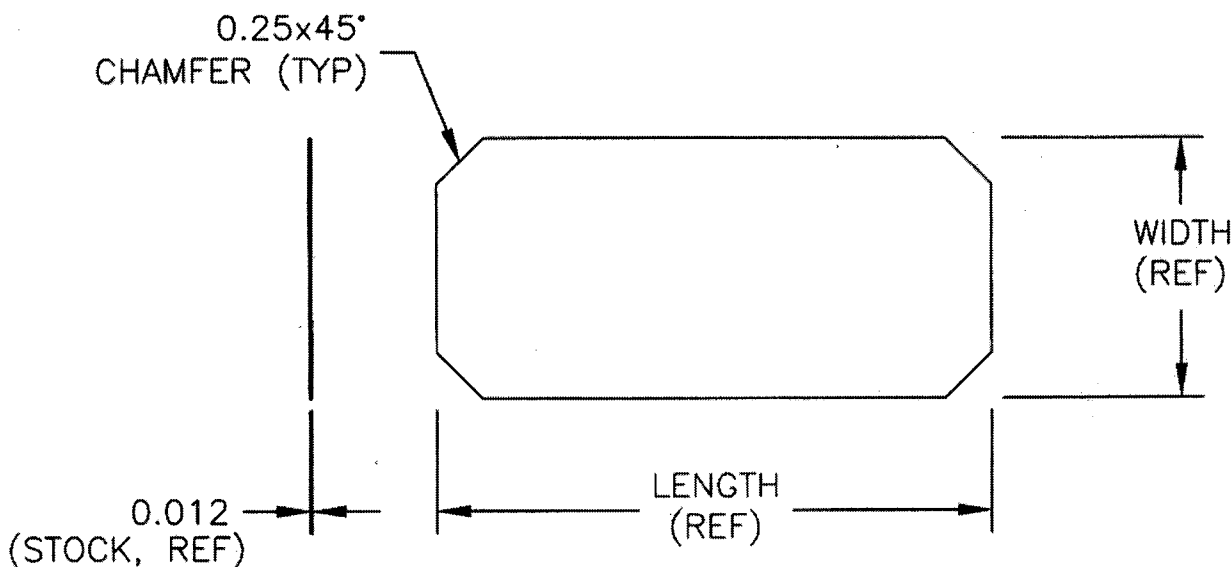
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence
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<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		



DESIGN <i>CP</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>A</i>	APPROVED <i>A</i>	DRAWING NO. D2856	REV. A SHEET 1 OF 1
DATE 00.11.17		TITLE ABRASION STRIP	SCALE NTS
A	00.11.17	NEW ISSUE	

RELEASED  
00.11.24 *#F*

## SPECIFICATION CONTROL DRAWING



MATERIAL: OUTDOOR GRADE POLYURETHANE PROTECTIVE TAPE  
3M, P/N 8681 (OR 8681HS)  
THICKNESS: 0.012"

SPECIFICATION: D2856-XXX-YYY ABRASION STRIP

WIDTH  
LENGTH

EG: 1.75"x2.50" ABRASION STRIP = D2856-175-250

112524 M05  
1402-03

TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO22946**

Purchase Order Date 2/10/2014

PO Print Date 2/10/2014

Page Number 2 of 2

**Order From :**

AVIALL  
PO BOX 842275

DALLAS, TX 75284-2275  
USA

VU-AVI003

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 905-676-1695

**Ship To Contact**

**Ship To Phone**

**Ship Via:** FedEx PI collect

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

USD

**FOB**

FCA - (Free Carrier)

**Line Total:** \$26.00

4	MS28775-011	O-Ring	2/12/2014	100.00	\$0.26	\$26.00
			Yes	Each		
			2/12/2014			

**Line Total:** \$26.00

5	3M8681-4	Abrasion Strip 4"	2/12/2014	216.00	\$6.90	\$1,489.98
			Yes	f		
			2/12/2014			

AS PER DWG D5826 REV. A

B112524

MATERIAL: OUTDOOR GRADE POLYURETHANE PROTECTIVE TAPE

3M P/N: 8681 OR 8681HS

**Line Total:** \$1,489.98

**PO Total:** \$1,616.13

**PO Instructions:** Procurement Quality Clauses

A005 RIGHT OF ENTRY

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A032 PUBLIC LAW 101-592 FASTENER QUALITY ACT

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A041 QUALITY

**Note:** Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.



DELIVERY NUMBER: 8000032563

ROUTE: US FedEx International Priority

CUSTOMER PO: PO22946  
ORDER NUMBER: 1000051927  
ORDER DATE: 02/12/2014

**B I L L T O**  
10003952  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

**S H I P T O**  
10003952  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

**S H I P F R O M**  
1000  
AVIALL CENTRAL WAREHOUSE  
DALLAS CDC  
2750 REGENT BLVD  
DFW AIRPORT TX 75261-9048  
USA

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM	LIST PRICE	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
00010	10	28	20024S CLAMP: LOOP, HOSE, SS	20	20 ✓	0	EA	7.17	2.87	57.36
			BATCH 0713867967		20					
00020	20	28	AN5-23A BOLT: HEX HD, ST	25	25 ✓	0	EA	1.67	0.67	16.70
			BATCH 0114580745		25					
00030	30	15	MS28775-008 ORING: NITRILE, 70	100	100 ✓	0	EA	53.30	0.26	26.00
			BATCH 0114596084		100					
00040	40	15	MS28775-011 ORING: NITRILE, 70	100	100 ✓	0	EA	53.30	0.26	26.00
			BATCH 1213510491		100					
00050	50	27	021200-24987 TAPE: PPT, CLR, 4INX36YD	2	2	0	EA	931.24	744.99	1,489.98
			BATCH 0713859233		2					

**This is not an Invoice.**  
**For payment processing, please refer to Invoice.**

The recipient of these goods agrees to comply with all export regulations governing the transfer, sale, lease, or use of these goods.  
Diversion contrary to U.S. Law is prohibited.

CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

*JS-H*

JR Hofmann, Director, Global Quality

02/22/2014  
Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL  
RETURNED MERCHANDISE SUBJECT TO HANDLING  
FEE.

THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH  
THE PROVISIONS OF THE FAIR LABOR ACT OF 1938  
AMENDED.

CUSTOMER COPY



# 3M PACKING LIST

P.O. NUMBER 2132087

Tue Jun 25 13:44:46 CDT 2013



**SHIP TO:**

AVIALL INC  
DISTRIBUTION SERVICES  
2750 REGENT BLVD  
DALLAS, TX 75261-9048

**CHARGE TO:**

AVIALL SERVICES INC  
PO BOX 619048  
DALLAS, TX 75261-9048

**OFFICE USE**

INVOICE #: TG47035

SHIP FROM LOC: AR

WAVE #:

WORK LIST ID #:

EMPLOYEE #:

PRINTING #: 1

FORM #: A1

CUSTOMER ORDER DATE: 06/24/2013

SHIP DATE:

ORIGINAL INVOICE #: AT33976

**THIS PACKING LIST CONTAINS**

Pieces: 13

Weight: 130.00

**MARK SHIPPING LABEL:**

LINE	YOU		BACK	BILL							TOT LINE	TOTAL
NBR	ORDERED	SHIPPED	ORDERED	UNIT	UPC / 3M-ID	PRODUCT					WEIGHT	PIECES
000004	26	26		RLS	0-00-21200-24987-7	PT# 021200-24987=27 8681HS TRANSPARENT SKIP SLIT 4 X 36 YD BULK 70-0061-9289-5					130.00	13

**NOTES:**

CUST PO RELEASE NBR: 0  
QUESTION? CALL YOUR 3M CUSTOMER SERVICE PROVIDER:  
HAUPT X97 GIROUARD X67 3M CTR BLDG 225-5S-14  
ST PAUL MN 55144-1000  
PHONE (877) 637-0563 FAX (877) 637-0564



Thank you for your order

Thank you for your order





## Certificate of Lot Conformance

3M ABERDEEN TAPE  
610 BROWN COUNTY 19 N  
ABERDEEN SD 574013334 US

AVIALL INC DISTRIBUTION SERVICES  
2750 REGENT BLVD  
DALLAS TX 752619048

Date certificate is prepared: Jun-30-2013

The 3M product listed below was produced in accordance with standard manufacturing processes for the product in effect at the time of manufacture.

3M Invoice Number TG47035		Customer PO Number 2132087	Customer Part Number 021200-24987=27
3M Stock Number 70-0061-9289-5	Product Description 8681HS TRANSPARENT SKIP SLIT 4 X 36 YD BULK		
UPC Number 00021200249877			
Shelf Life 24 MONTHS FROM DATE OF MFG		Storage Condition for this Product GENERAL WAREHOUSE STORAGE (<+27C/80F)	

Lot Number:3142

Date of Manufacture:May-22-2013

Lot Number:3156

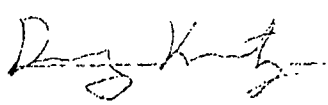
Date of Manufacture:Jun-05-2013

Please contact your 3M Customer Service Representative if you have any questions.

**Warranty and Limited Remedy:** Unless stated otherwise in 3M's product literature, packaging inserts or product packaging for individual products, 3M warrants that each 3M product meets the applicable 3M specifications at the time 3M ships the product. Individual products may have additional or different warranties as stated on product literature, package inserts or product packages. **3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE.** User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's application. If the 3M product is shown to be nonconforming within the warranty period, your exclusive remedy and 3M's sole obligation will be, at 3M's option, to replace the nonconforming 3M product or refund the purchase price.

**Limitation of Liability:** Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

This certificate or any information contained in it does not amend or change any applicable 3M terms and conditions of sale.

Authorized by: Danny Kurtz 	Title: Tape Quality Technician	Date Signed: Jun-30-2013
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